

What is claimed is:

1. A slide spool valve characterized by comprising a valve body having a bore penetrated by a plurality of ports spaced at predetermined intervals; one or more insertion materials, each of which includes a hollow portion inserted in and attached to the bore and a valve room which extends from an inner circumference surface of the hollow portion to at least one port of the plurality of ports penetrating the hollow portion; a valve spool, which is movably inserted in the bore and the hollow portion of the insertion material attached thereto and selectively connects or disconnects the plurality of ports according to an operation of the slide spool valve.

2. The slide spool valve of claim 1, wherein taper valve rooms are formed at both ends of the bore, the taper valve rooms having a large outward diameter and a diameter larger than the bore, and each of the taper valve rooms is respectively penetrated by one of the plurality of ports.

3. The slide spool valve of claim 2, further comprising stepped corners at interfaces between the inner circumferential surface of the bore of the valve body and the taper valve rooms, the stepped corners having round surfaces.

4. The slide spool valve of claim 1, further comprising stepped corners at interfaces between the inner circumferential surface of the hollow portion and the valve room of the insertion material, the stepped corners having round surfaces.

5. The slide spool valve of claim 1, further comprising rough portions in at least a part of an outer surface of the insertion material, the rough portions for reinforcing the coupling of the insertion material with the valve body.

6. The slide spool valve of claim 1, wherein the plurality of ports comprises a supply port, two load ports located on both sides of the supply port, and two exhaust ports located on both sides of the load ports, wherein the supply port is connected to the valve room of the insertion material.

7. The slide spool valve of claim 1 or 5, wherein the insertion material comprises a film having a processed surface, the film for reinforcing the coupling of the insertion material with the valve body.

5 8. The slide spool valve of claim 7, wherein the insertion material is made by aluminum die casting, and the film is formed by anodizing the surface of the insertion material after the aluminum die casting.